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<110> MITSUBISHI RAYON CO., LTD.

<120> A fiber carrying biologically related substances

<130> PH-789-PCT

<140> PCT/JP00/01353

<141> 2000-03-06

<150> JP99/59361

<151> 1999-03-05

<150> JP99/84100

<151> 1999-03-26

<150> JP99/84101

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<150> JP99/83964

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<150> JP99/93043

<151> 1999-03-31

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<150> JP99/215014

<151> 1999-07-29

<150> JP99/240041

<151> 1999-08-26

<150> JP99/298613

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<150> JP2000/55658

<151> 2000-03-01

<150> JP2000/57075

<151> 2000-03-02

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31

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<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA

<400> 6

catgtcgcgt cgttgttgga cgaagcggta

30

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<211> 388

<212> DNA

<213> Rhodococcus rhodochrous

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tgggtggacc ctgagiaccg caagtggctc gaagaggacg cgacggccgc gatggcgtca 180
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cccgccctgg tacaagagcat ggagtaccgg tcccgagtgg tagcggaccc tcgtggagtg 360
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<211> 611

<212> DNA

<213> Rhodococcus rhodochrous

<400> 8

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<211> 388

<212> DNA

<213> Rhodococcus rhodochrous

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aacacagagt gcacaccacc acgtgatgcg ttitgggagtc gtigaagacc gccgaaattt 180
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<212> DNA

<213> *Rhodococcus rhodochrous*

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<210> 11

<211> 651

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 11

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atacaagggc aagtacgttg tcttagcctt tattccattg gccttcactt tcgtctgtcc 180
aaccgaaatc attgctttct cagaagctgc taagaaattc gaagaacaag gcgctcaagt 240
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cgacccaaag ggtgicatta gacacatcac cattaacgat ttgccagtcg gtagaaacgt 480
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<210> 12

<211> 586

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 12

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 gtataataaa tttcctatit ttggttatit ccatcggtit aatcagttcg ttgttaaaca 120
 cccaacatag gcacagctcc agagttaaact actgtatggt tgcttgtgca tatggtatat 180
 tcaccgattc attgtacggt gtctttgcca acttcattga accattggca tggccactag 240
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<210> 13

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<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 13

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 gaagcaatit aagaacgcta ctgggtgattt cacattagta ctgaatgcct tgcaattcgc 180
 gticaaatit gtatctcaca ccatcagacg tgcctgaattg gtttaacttgg ttgggttagc 240
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<210> 14

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<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 14

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 atacagacaa aagaatgtca ttacagagc cgctagacca actagaccag acaaggctag 180
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taacagaaag agacctgttc caaaggggtgc tacttacggt aagccaacta accaagggtgt 300
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 tgccgctaac ttgagagtct tgaactccta ctgggttaac caagattcta cttacaagta 420
 cticgaagtt atcttggtcg accctcaaca caaggctatc agaagagatg ctcgttacaa 480
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 gaaatccaga ggtatcaaca agggtcacaa attcaacaac accaaggctg gtagaagaaa 600
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<211> 27

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<213> Artificial Sequence

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<223> Synthetic DNA bound with acrylamide at 5' terminus

<400> 15

caaccaacca caactacata cacatac

27

<210> 16

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA bound with acrylamide at 5' terminus

<400> 16

ctaagaaaac cacgatcaaa c

21

<210> 17

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA bound with acrylamide at 5' terminus

<400> 17

aagaaacatc cctcatacta ccacac

26

<210> 18

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA bound with acrylamide at 5' terminus

<400> 18

ctaagaaaac cacgatcaaa c

21

<210> 19

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA

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<210> 20

<211> 21

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ttatatatttc catcaaccag c

21

<210> 21

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<212> DNA

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<400> 21

agaaaataag aaaagaaggc gatca

25

<210> 22

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<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA

<400> 22

ttatatatttc catcaaccag c

21

<210> 23

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA labelled with Cy5 at 5' terminus

<400> 23

gaacttgagc gaccattgtg tatgtatgtg tatgtagttg

40

<210> 24

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA labelled with Cy3 at 5' terminus

<400> 24

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40

<210> 25

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Synthetic DNA labelled with Cy3 at 5' terminus

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40

<210> 26

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic DNA labelled with Cy5 at 5' terminus

<400> 26

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40

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